

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal623paz_

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update
frequency
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6 Mar 08 Gene Names now available in BIOSIS
NEWS 7 Mar 22 TOXLIT no longer available
NEWS 8 Mar 22 TRCTHERMO no longer available
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAplus
and USPATFULL
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2
instead.
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 14 Apr 09 ZDB will be removed from STN
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and
IFIUDB
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and
ZCAPLUS
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 19 May 31 PCTFULL to be reloaded. File temporarily unavailable.
NEWS 20 Jun 03 New e-mail delivery for search results now available

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:49:04 ON 03 JUN 2002

=> filke reg

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:49:26 ON 03 JUN 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 2 JUN 2002 HIGHEST RN 424787-52-0

DICTIONARY FILE UPDATES: 2 JUN 2002 HIGHEST RN 424787-52-0

TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.38

0.59

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 13:49:33 ON 03 JUN 2002

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal623paz

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'REGISTRY' AT 14:02:18 ON 03 JUN 2002

FILE 'REGISTRY' ENTERED AT 14:02:18 ON 03 JUN 2002

COPYRIGHT (C) 2002 American Chemical Society (ACS)

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.38

0.59

=>

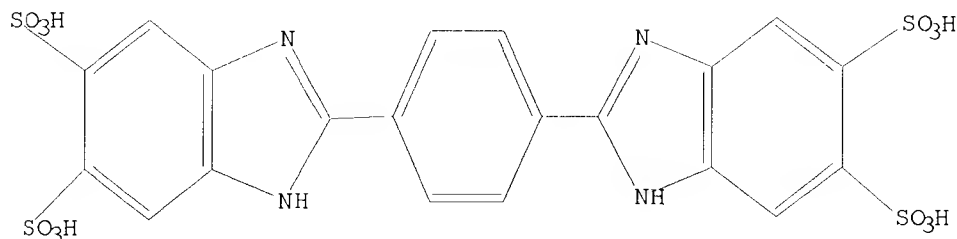
Uploading 09995328 tetrasulfonic.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l1 exact sam

SAMPLE SEARCH INITIATED 14:03:03 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1 TO 80

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA EXA SAM L1

=> search l1 exact full

FULL SEARCH INITIATED 14:03:12 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 12 TO ITERATE

100.0% PROCESSED 12 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA EXA FUL L1

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

48.90

49.11

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 14:05:09 ON 03 JUN 2002

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal623paz

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 14:07:15 ON 03 JUN 2002
FILE 'REGISTRY' ENTERED AT 14:07:15 ON 03 JUN 2002
COPYRIGHT (C) 2002 American Chemical Society (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	48.90	49.11

=>

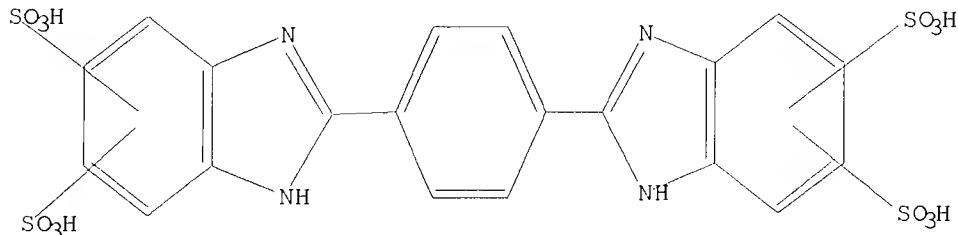
Uploading 09995328 tetrasulfonic.str

L4 STRUCTURE UPLOADED

=> d l4

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l4 sss sam

SAMPLE SEARCH INITIATED 14:08:37 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2 TO 124
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> search l4 sss full

FULL SEARCH INITIATED 14:08:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 44 TO ITERATE

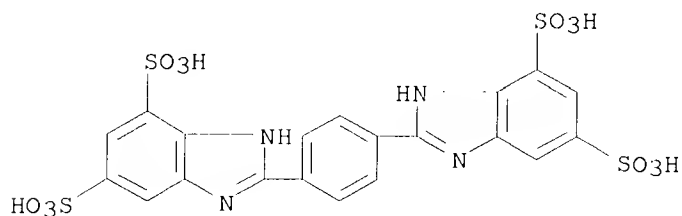
100.0% PROCESSED 44 ITERATIONS
SEARCH TIME: 00.00.01

13 ANSWERS

L6 13 SEA SSS FUL L4

=> d scan

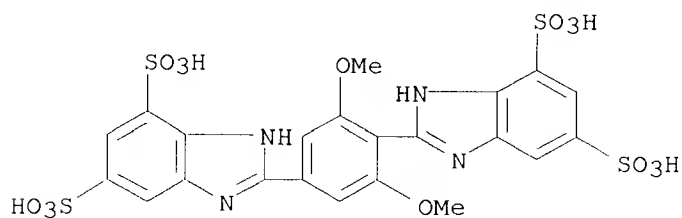
L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis-, disodium
salt (9CI)
MF C20 H14 N4 O12 S4 . 2 Na



O2 Na

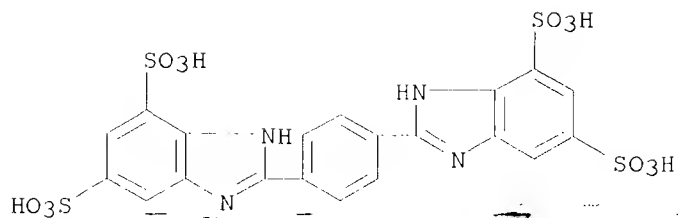
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):13

L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(2,6-dimethoxy-1,4-
phenylene)bis- (9CI)
MF C22 H18 N4 O14 S4



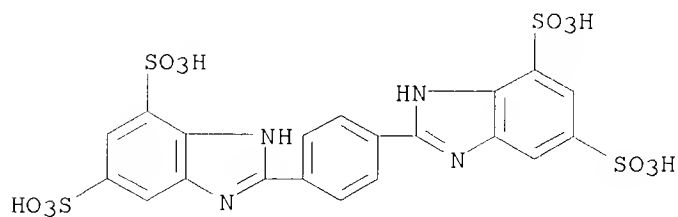
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis-, potassium
salt (9CI)
MF C20 H14 N4 O12 S4 . x K



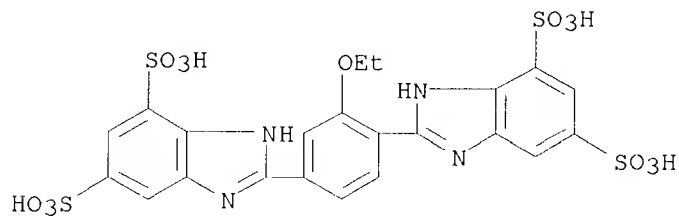
⊙_x K

L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis-,
 tetrasodium salt (9CI)
 MF C20 H14 N4 O12 S4 . 4 Na



⊙₄ Na

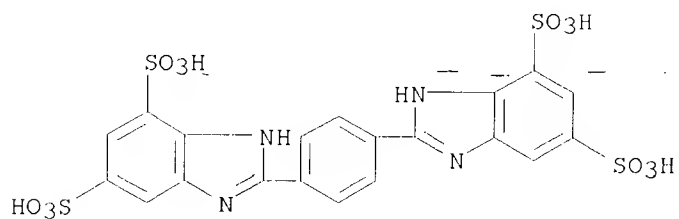
L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(2-ethoxy-1,4-phenylene)bis-
 (9CI)
 MF C22 H18 N4 O13 S4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

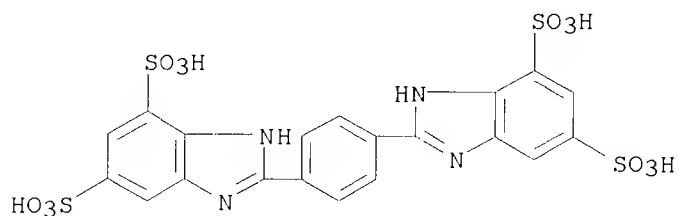
L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis-,
tetrapotassium salt (9CI)
MF C20 H14 N4 O12 S4 . 4 K



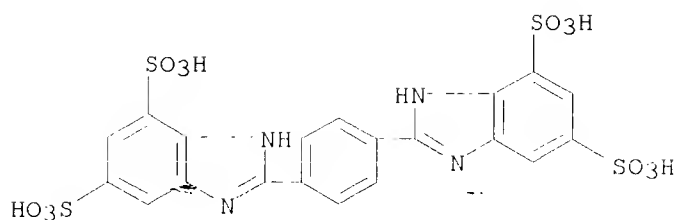
O4 K

L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis-,
dipotassium salt (9CI)
MF C20 H14 N4 O12 S4 . 2 K



O2 K

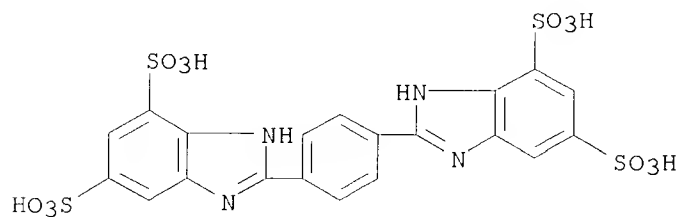
L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis-,
monosodium
salt (9CI)
MF C20 H14 N4 O12 S4 . Na



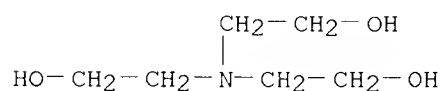
O Na

L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis-, compd.
 with 2,2',2''-nitrilotris[ethanol] (1:4) (9CI)
 MF C20 H14 N4 O12 S4 . 4 C6 H15 N O3

CM 1

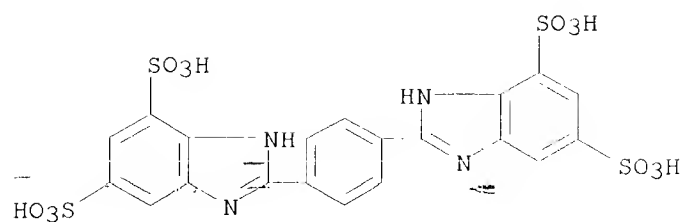


CM 2

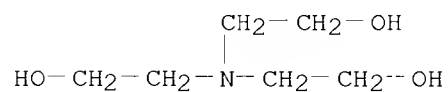


L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis-, compd.
 with 2,2',2''-nitrilotris[ethanol] (9CI)
 MF C20 H14 N4 O12 S4 . x C6 H15 N O3

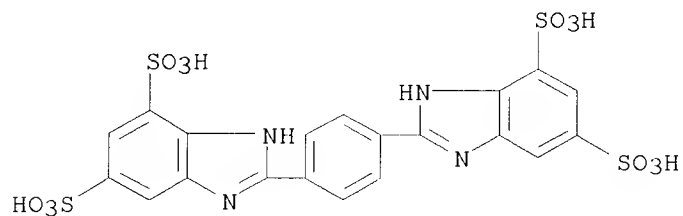
CM 1



CM 2

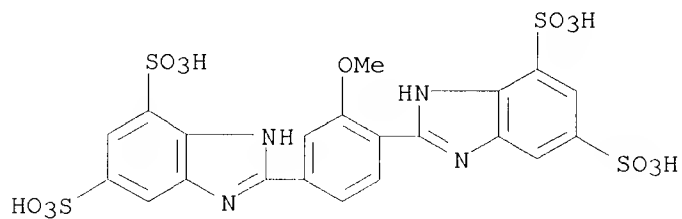


L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI)
 MF C20 H14 N4 O12 S4
 CI COM



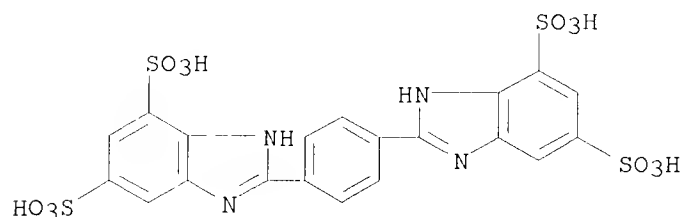
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(2-methoxy-1,4-phenylene)bis- (9CI)
 MF C21 H16 N4 O13 S4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 13 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis-, sodium
salt (9CI)
MF C20 H14 N4 O12 S4 . x Na



Ox Na

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

191.08

191.29

FILE 'CAPLUS' ENTERED AT 14:10:36 ON 03 JUN 2002

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FILE COVERS 1907 - 3 Jun 2002 VOL 136 ISS 23

FILE LAST UPDATED: 31 May 2002 (20020531/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> 16

L7 31 L6

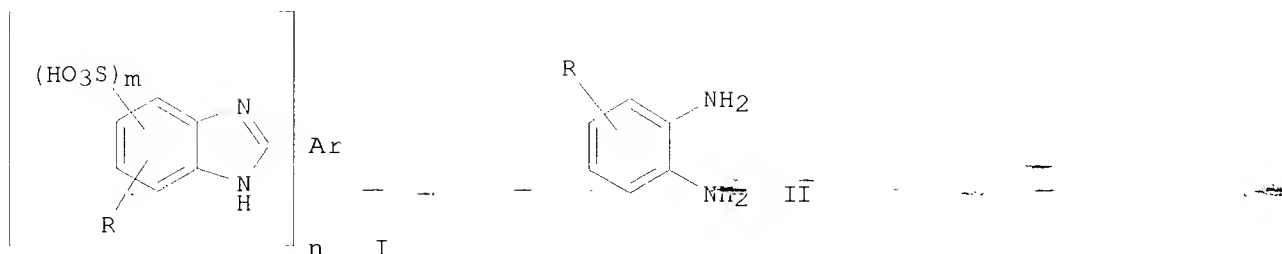
=> 16/prep

31 L6
2871239 PREP/RL
L8 2 L6/PREP
(L6 (L) PREP/RL)

=> d 18 1-2 ti fbib abs

L8 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS
TI Preparation of 2-arylbenzimidazole sulfonic acids and their application
as UV filters
AN 2002:9970 CAPLUS
DN 136:74314
TI Preparation of 2-arylbenzimidazole sulfonic acids and their application
as UV filters
IN Heywang, Ulrich; Schwarz, Michael; Pfluecker, Frank
PA Merck Patent G.m.b.H., Germany
SO Eur. Pat. Appl., 20 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1167359	A1	20020102	EP 2001-115113	20010621
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	DE 10030664	A1	20020110	DE 2000-10030664A	20000623
	JP 2002053559	A2	20020219	DE 2000-10030664	20000623
				JP 2001-186026	20010620
				DE 2000-10030664A	20000623
	US 2002013474	A1	20020131	US 2001-887265	20010625
				DE 2000-10030664A	20000623
OS	MARPAT 136:74314				
GI					



AB The invention concerns the synthesis of 2-aryllbenzimidazole sulfonic acids (I) by the reaction of o-phenylene diamine derivs. (II) with (III), R groups are defined, in the presence of activated sulfuric acid at 160-190.degree.C; the products are used as UV filters in cosmetic compns. along with other UV filters. Thus 2-phenylbenzimidazole-4,6-disulfonic acid was prepd. by the reacting o-phenylenediamine with benzoic acid in oleum contg. sulfuric acid. A sunscreen spray was prepd. from two phases,

phase A contained (wt./wt.%); Eusolex 2292 7.50; Eusolex HMS 7.00; Steareth-2 0.40; Steareth-10 0.80; Pemulen TR-2 0.18; Propylyene glycol isoceteth-3 acetate 5.00; dimethicone 1.00; Oxyxex K 0.10. Phase B contained (wt./wt.%): 2-phenylbenzimidazole-4,6-disulfonic acid 1.00; triethanol amine 0.90; 1,2-propanediol 2.00; preservative (0.05% propyl-4-hydroxybenzoate and 0.15% methyl-4-hydroxybenzoate) 0.50; water to 100.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

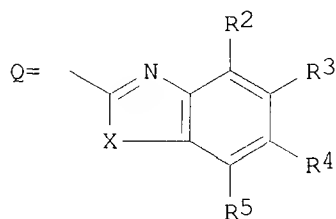
L8 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS
TI Preparation of benzazoles as UV absorbers
AN 1995:951216 CAPLUS
DN 123:340126
TI Preparation of benzazoles as UV absorbers
IN Pelzer, Ralf; Langner, Roland; Surburg, Horst; Sommer, Horst; Krempel, Alfred; Hopp, Rudolf
PA Haarmann und Reimer GmbH, Germany
SO Eur. Pat. Appl., 41 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 669323	A1	19950830	EP 1995-101906	19950213

EP 669323 B1 20010509
R: CH, DE, ES, FR, GB, GR, IE, IT, LI, NL, SE

DE 4406024	A1	19950831	DE 1994-4406024A	19940224
DE 4409689	A1	19950928	DE 1994-4409689A	19940322
ES 2157268	T3	20010816	DE 1994-4406024	19940224
			DE 1994-4409689	19940322
CA 2143040	AA	19950825	ES 1995-101906	19950213
			DE 1994-4406024A	19940224
AU 9512388	A1	19950831	DE 1994-4409689A	19940322
AU 700757	B2	19990114	CA 1995-2143040	19950221
			DE 1994-4406024A	19940224
JP 07252235	A2	19951003	DE 1994-4409689A	19940322
			AU 1995-12388	19950221
US 5585091	A	19961217	DE 1994-4406024A	19940224
			DE 1994-4409689A	19940322
ZA 9501521	A	19951208	JP 1995-56776	19950222
			DE 1994-4406024A	19940224
			DE 1994-4409689A	19940322
			US 1995-391853	19950222
			DE 1994-4406024A	19940224
			DE 1994-4409689A	19940322
			ZA 1995-1521	19950223
			DE 1994-4406024A	19940224

OS MARPAT 123:340126
GI



AB R11ZmRn (R = benzazolyl group Q) [I; R1 = H, alkyl, alkoxy, SO3H, etc.;
R2-R5 = groups cited for R1, NO2; X = O, S, NR6; R6 = H, (hydroxy)alkyl;
Z = (1+n)-valent unsatd. org. residue; l = 0-4; m = 0 or 1; n = 2-6] were
prepd. Thus, 2-(H2N)C6H4NH2 was treated with ClSO3H in H2SO4 after which
4-(HO2C)C6H4CO2H was added and the whole heated to give I (R2 = R4 =
SO3H, R3 = R5 = H, X = NH, Z = 1,4-C6H4, l = 0, m = 1, n = 2). UV absorbance
for prepd. I were given.

=> save temp l7 uvabsorbrs/a
ANSWER SET L7 HAS BEEN SAVED AS 'UVABSORBERS/A'

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
18.09	209.38

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
------------	-------

CA SUBSCRIBER PRICE

ENTRY	SESSION
-1.24	-1.24

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 14:28:34 ON 03 JUN 2002

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal623paz

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 14:48:21 ON 03 JUN 2002
FILE 'CAPLUS' ENTERED AT 14:48:21 ON 03 JUN 2002
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	18.09	209.38
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.24	-1.24

=> d his

(FILE 'HOME' ENTERED AT 13:49:04 ON 03 JUN 2002)

FILE 'REGISTRY' ENTERED AT 13:49:26 ON 03 JUN 2002

L1	STRUCTURE UPLOADED
L2	0 SEARCH L1 EXACT SAM
L3	0 SEARCH L1 EXACT FULL
L4	STRUCTURE UPLOADED
L5	0 SEARCH L4 SSS SAM
L6	13 SEARCH L4 SSS FULL

FILE 'CAPLUS' ENTERED AT 14:10:36 ON 03 JUN 2002

L7	31 L6
L8	2 L6/PREP
	SAVE TEMP L7 UVABSORBRS/A

=> d 17 21-31 ti

L7	ANSWER 21 OF 31 CAPLUS COPYRIGHT 2002 ACS
TI	Sunscreen compositions containing a benzotriazole derivative, and a compound containing benzoazolyle or benzodiazolyle groups
L7	ANSWER 22 OF 31 CAPLUS COPYRIGHT 2002 ACS
TI	Photoprotective compositions for skin or hair containing a bisresorcinyll triazine derivative and a compound with benzoazolyl or benzodiazolyl groups
L7	ANSWER 23 OF 31 CAPLUS COPYRIGHT 2002 ACS
TI	Cosmetic or dermatological hydrodispersions containing triglyceride waxes

L7 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2002 ACS
 TI Use of triglyceride waxes to reinforce the light protection factor and/or UV-A protection efficacy of cosmetic or dermatological sunscreens

L7 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2002 ACS
 TI Use of synthetic beeswax for fortification of UV-A-protective cosmetic or dermatological formulations

L7 ANSWER 26 OF 31 CAPLUS COPYRIGHT 2002 ACS
 TI Use of beeswax for fortification of UV-A-protective cosmetic or dermatological formulations

L7 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2002 ACS
 TI Use of C20-40-dialkyl dimerate for strengthening the UV-A protection performance of cosmetic or dermatological formulations

L7 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2002 ACS
 TI Utilization of C18-38-alkyl hydroxystearoylhydroxystearates for increasing the light protection factor and/or the UV-A protection of cosmetic or dermatologic light protection agents

L7 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2002 ACS
 TI Light-protective preparation containing partial glycerides of succinic acid and water-soluble UV filter substances

L7 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2002 ACS
 TI Sunscreen composition comprising basic amino acids and water-soluble UV filters

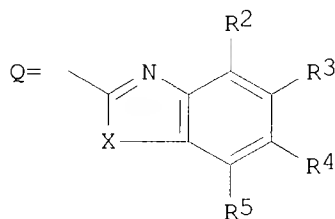
L7 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2002 ACS
 TI Preparation of benzazoles as UV absorbers

=> d 17 31 ti fbib abs

L7 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2002 ACS
 TI Preparation of benzazoles as UV absorbers
 AN 1995:951216 CAPLUS
 DN 123:340126
 TI Preparation of benzazoles as UV absorbers
 IN Pelzer, Ralf; Langner, Roland; Surburg, Horst; Sommer, Horst; Krempel, Alfred; Hopp, Rudolf
 PA Haarmann und Reimer GmbH, Germany
 SO Eur. Pat. Appl., 41 pp.
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 LA German
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PI	EP 669323	A1	19950830	EP 1995-101906	19950213
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OS	MARPAT 123:340126		
GI			



AB R11ZmRn (R = benzazolyl group Q) [I; R1 = H, alkyl, alkoxy, SO3H, etc.;
 R2-R5 = groups cited for R1, NO2; X = O, S, NR6; R6 = H, (hydroxy)alkyl;
 Z
 = (1+n)-valent unsatd. org. residue; l = 0-4; m = 0 or 1; n = 2-6] were
 prepd. Thus, 2-(H2N)C6H4NH2 was treated with ClSO3H in H2SO4 after which
 4-(HO2C)C6H4CO2H was added and the whole heated to give I (R2 = R4 =
 SO3H,
 R3 = R5 = H, X = NH, Z = 1,4-C6H4, l = 0, m = 1, n = 2). UV absorbance
 for prepd. I were given.

=> d 17 11-20 ti

L7 ANSWER 11 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Low-viscosity oil-in-water cosmetic or dermatological compositions

L7 ANSWER 12 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Finely dispersed water-in-oil cosmetic compositions with a low content of emulsifiers

L7 ANSWER 13 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Photoprotective compositions containing a bis-hydroxyphenylbenzotriazole and a compound with benzoazolyl or benzodiazolyl groups

L7 ANSWER 14 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Emulsifier-free finely dispersed water-in-oil-type cosmetic formulations

L7 ANSWER 15 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Cosmetic and dermatological W/O emulsions containing modified phyllosilicates

L7 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Cosmetic or dermatological photoprotectant compositions containing boron, nitride and sulfonated UV filters

L7 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Cosmetic or dermatological UVA photoprotectant compositions containing boron nitride and ethylhexyl 2-cyano-3,3-diphenylacrylate

L7 ANSWER 18 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Compositions of sulfonated UV filter materials with flavone and/or flavanone derivatives, especially flavonoids, for preparing cosmetics

L7 ANSWER 19 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Synergistic sunscreen compositions containing benzene camphosulfonic acid, bis-resorciny l triazine derivatives, and composition with benzoazolyl or benzodiazolyl groups

L7 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Synergistic sunscreen compositions containing a benzotriazole derivative, a bis-resorciny l triazine derivative, and a compound with benzoazolyl or benzodiazolyl groups

=> d 17 1-10 ti

L7 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Sunscreen composition containing sol-gel microcapsules

L7 ANSWER 2 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Sunscreens with active ingredient combination for the enhancement of UV A protection

L7 ANSWER 3 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Synergistic sunscreen compositions for the enhancement of UV-A protection containing a benzimidazole and a benzotriazole derivative

L7 ANSWER 4 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Emulsifier-free finely dispersed water-in-oil emulsions and application for sunscreens

L7 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Preparation of 2-arylbenzimidazole sulfonic acids and their application as UV filters

L7 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Preparation of 2-phenylbenzimidazole sulfonic acids and their application as UV-B filters

L7 ANSWER 7 OF 31 CAPLUS COPYRIGHT 2002 ACS

TI Use of lecithins to enhance the light protection factor of sunscreen compositions

L7 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2002 ACS
 TI Sunscreen mixtures containing 4,4-diarylbutadienes in cosmetics and pharmaceuticals

L7 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2002 ACS
 TI Mixtures of photoprotectants comprising aminohydroxybenzophenones in cosmetics and pharmaceuticals

L7 ANSWER 10 OF 31 CAPLUS COPYRIGHT 2002 ACS
 TI Cosmetic and dermatological photoprotective O/W-macroemulsions or O/W-microemulsions containing sulfonated sunscreen agents

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	32.33	223.62

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.86	-1.86

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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 NEWS 8 Mar 22 TRCTHERMO no longer available
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